ITU Regional Workshop on ICT Statistics for Asia-Pacific
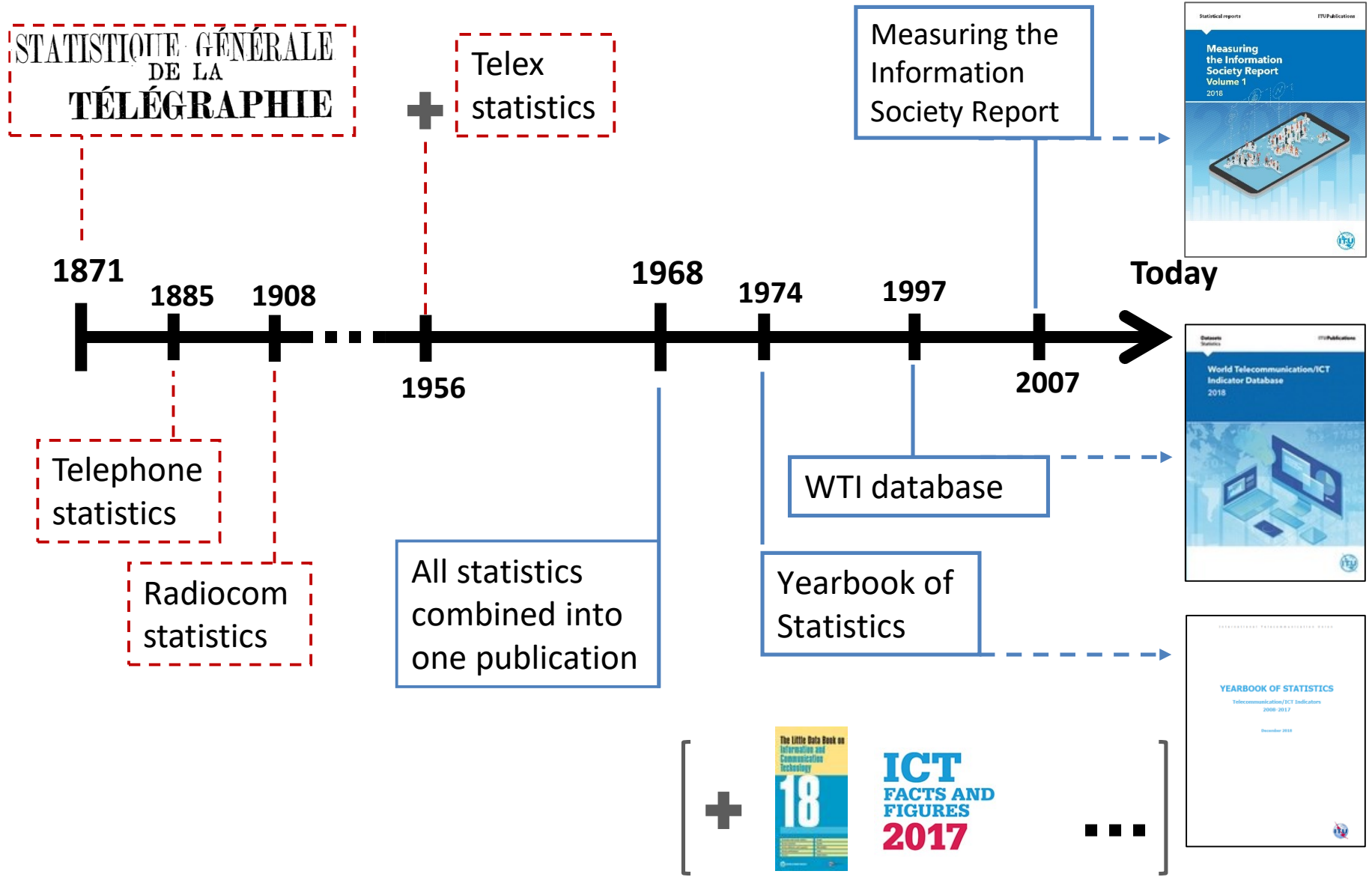# Ha Noi, Viet Nam
2-4 October 2019

Overview of ITU's work on ICT measurement

Esperanza Magpantay
Telecommunication Development Bureau
International Telecommunication Union

History of ITU statistics

STATISTIQUE GÉNÉRALE DE LA TÉLÉGRAPHIE

Telex statistics

Measuring the Information Society Report

1871

1885 **1908**

1956

1968

1974

1997

2007

Today

Telephone statistics

Radiocom statistics

All statistics combined into one publication

Yearbook of Statistics

WTI database

Measuring the Information Society Report Volume 1 2018

World Telecommunication/ICT Indicator Database 2018

YEARBOOK OF STATISTICS

The Little Data Book on Information and Communication Technology 18

ICT FACTS AND FIGURES 2017

Mandate of ITU statistical work

- World Telecommunication Development Conference (WTDC)
  - ➤ Resolution 8 (Rev. Buenos Aires, 2017)

- ITU Plenipotentiary Conference 2018 (PP-18)
  - ➤ Resolution 131 (Rev. Dubai, 2018)

Resolution 131 (rev. Dubai 2018)

1. promote adoption of ICT statistics and composite indices developed by ITU
2. rely on official data provided by Member States based on internationally recognized and transparent methodologies,
3. start data collection at the beginning of the year, and publish within three months
4. publish annually the IPB and the IDI…
5. … not retroactively updated or amended post publication
6. develop and maintain advanced visualization and analysis tools
7. develop a toolkit to assist members in establishing national statistical frameworks
8. liaise with other prominent international organizations
9. define and adopt new indicators for the purpose of measuring the impact of ICTs
10. timely and transparent dissemination of the internationally agreed ICT methodologies and comparable indicators
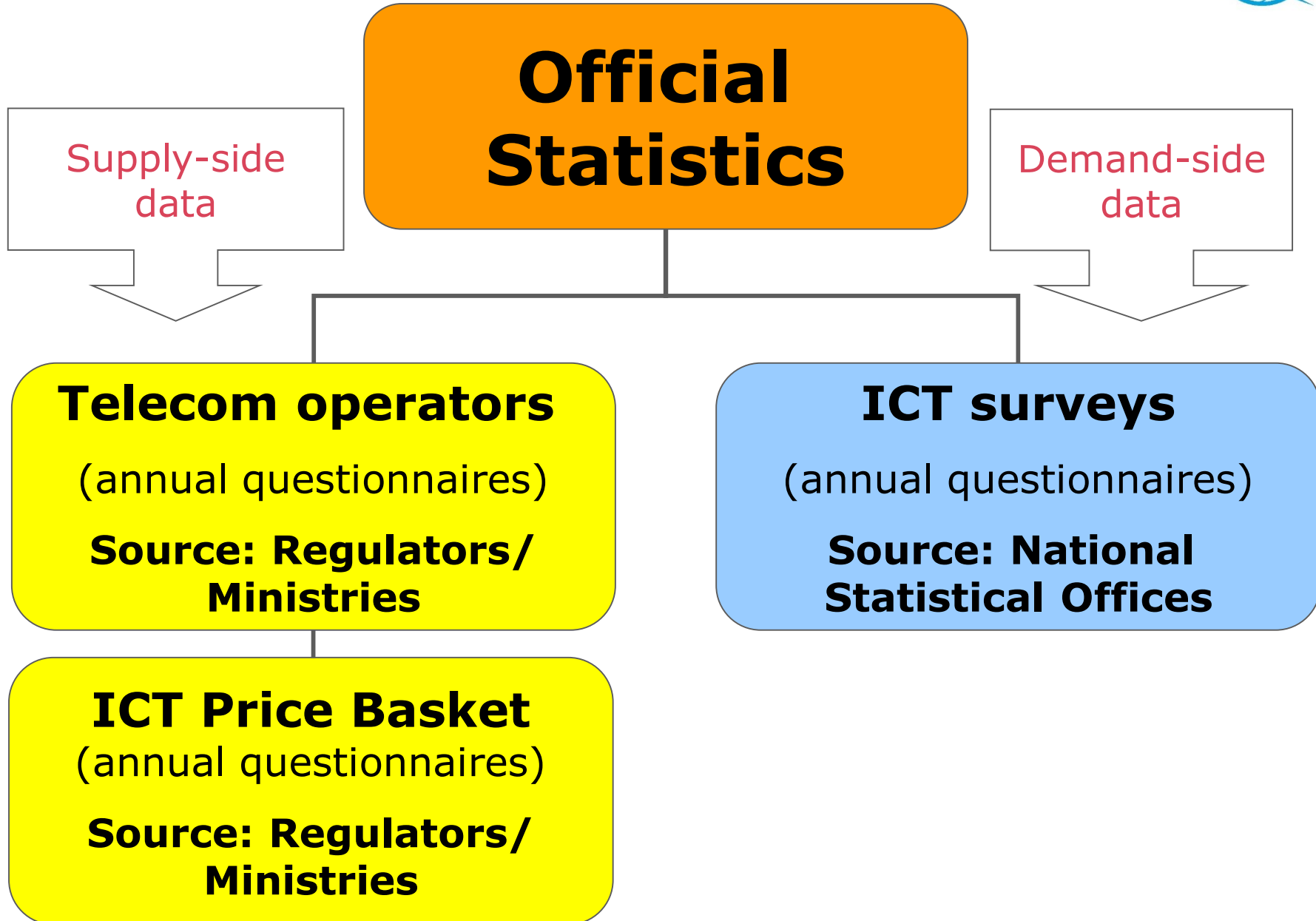
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Resolution 131 (rev. Dubai 2018)

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11. review, revise and further develop benchmarking
12. maintain a group of experts on ICT indicators and statistics (EGTI and EGH)
13. hold the World Telecommunication/ICT Indicators Symposium (WTIS) and expert group meetings (EGTI/EGH) periodically
14. monitor the development and improvement of methodologies particularly by means of EGH, EGTI and WTIS
15. publish IDI and IPB calculation methodologies, structures and data on the ITU website
16. hold regular regional seminars and training events for developing countries
17. implement WTDC Resolution 8 (Rev. Buenos Aires, 2017)
18. strengthen partnerships and collaboration
19. identify approaches for members to provide regular inputs on the development and analysis of statistics and indicators
20. to submit a report to the Council on progress in the implementation of this resolution (especially on the IDI and IPB)

Lines of activities

1. Data collection and dissemination
2. Data analysis and research reports
3. Definitions and methodologies for ICT indicators
4. Monitoring global ICT targets
5. Capacity development
6. International cooperation

# 1a. ITU statistics: data collection

Official Statistics

Supply-side data

Demand-side data

Telecom operators

(annual questionnaires)

Source: Regulators/ Ministries

ICT surveys

(annual questionnaires)

Source: National Statistical Offices

ICT Price Basket

(annual questionnaires)

Source: Regulators/ Ministries

2019 ITU Questionnaire Schedule

Questionnaire	Launch	Open	Deadline
HH Short	14-Jan-2019	3 months	15-Apr-2019
WTI Short	14-Jan-2019	3 months	15-Apr-2019
ICT Prices	15-Mar-2019	2 weeks	30-Mar-2019
HH Long	15-Sep-2019	6 weeks	30-Oct-2019
WTI Long	15-Sep-2019	6 weeks	30-Oct-2019

https://www.itu.int/en/ITU-D/Statistics/Pages/datacollection/default.aspx#questionnaires
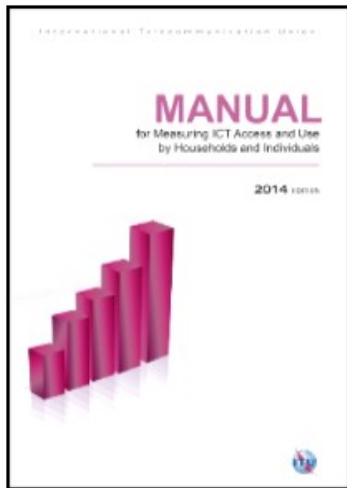
1b. Dissemination of ICT data
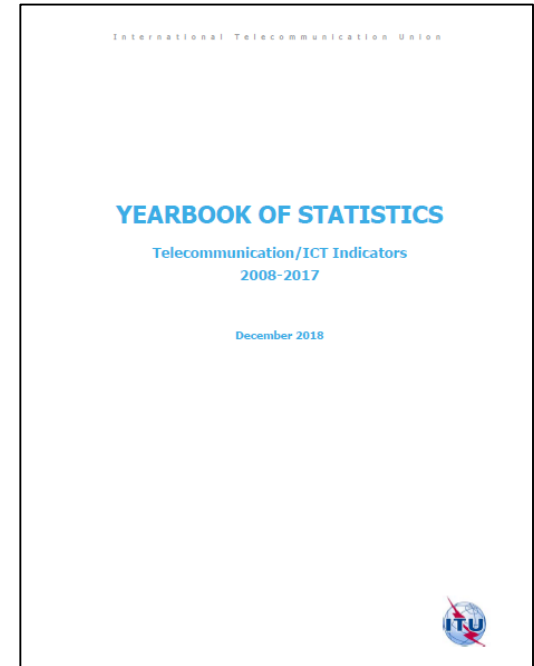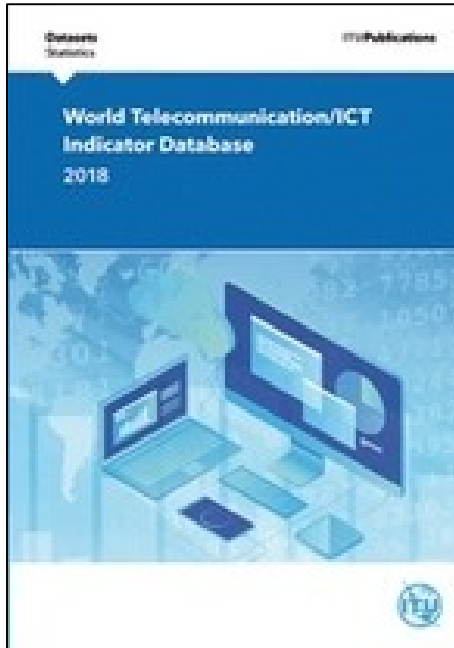
2. Data analysis and research reports

3. Definitions and methodologies for ICT indicators

4. Monitoring global ICT targets

CONNECT 2030
Strategic Goals

2025 Targets: "Connecting the Other Half"
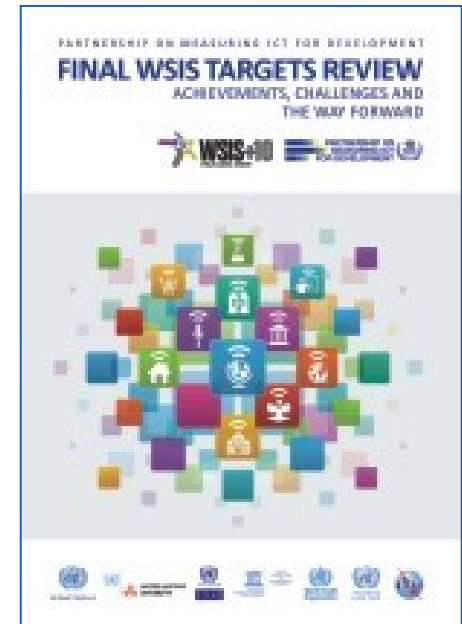
5. Capacity development

— Training course on ICT household surveys and indicators (based on Manual)

— Training on telecommunication/ICT infrastructure indicators and data collection (based on Handbook)

— Regional and national workshops

— In collaboration with members of the Partnership (e.g. UNCTAD, UN Regional Commissions)

6. International cooperation

— Partnership on Measuring ICT for Development

— UN Group on the Information Society (UNGIS); WSIS+10

— Inter-agency Expert Group on Sustainable Development Goal Indicators (IAEG-SDGs)

— UN Statistical Commission

— UN Data Managers group

— UN Global Working Group on Big Data

— Broadband Commission for Digital Development

Partnership on Measuring ICT for Development

- Global initiative to improve internationally comparable ICT statistics

- Main mechanism for the coordination of ICT statistics internationally (Steering Committee, Task Groups)

- Members: 14 international and regional agencies involved in official ICT statistics

THANK YOU

For more information:
http://www.itu.int/ict